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--ABSTRACT OF THE DISCLOSURE

B6  
A plastic-based composite product comprising a plastic mass in which particles are homogeneously embedded, which particles have tensile strength in a first particle direction, the product having a chosen principal product direction, wherein the particles comprise: small particles being elongated plates of fibres and having a random orientation and a length of 0.2-2 mm; and large particles dominantly orientated such that their first particle direction is in the chosen principal product direction, the large particles having a length in the first particle direction of about 2-6 mm.--

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